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DIVISION 09 - FINISHES

SECTION 09251J

SPRAY TEXTURE "POPCORN" CEILINGS

02/05

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SPACE GATEWAY SUPPORT (SGS) SGS 09251J (February 2005)

SECTION 09251J

SPRAY TEXTURE "POPCORN" CEILINGS
02/05

NOTE: This guide specification covers the
requirements for "popcorn" spray texture finish
gypsum products.

PART 1 GENERAL

1.1 MANUFACTURER

Subject to compliance with requirements, provide "popcorn" spray texture finish gypsum products by one of the following or equivalent:

Domtar Gypsum
Georgia-Pacific Co.
United States Gypsum Co.

1.1 SUBMITTALS

NOTE: Review submittal description (SD) definitions
in Section 01300, "Submittals," and edit the
following list to reflect only the submittals
required for the project. Submittals should be kept
to the minimum required for adequate quality
control. Include a columnar list of appropriate
products and tests beneath each submittal
description.

The following shall be submitted in accordance with Section 01330, "Submittals," in sufficient detail to show full compliance with the specification:

SD-01 Preconstruction Submittals

Plan for method of work

SD-03 Product Data

Primer/Sealer/Stain Killer
Spray Texture Finish

1.2 PRECONSTRUCTION REQUIREMENTS, DELIVERY AND STORAGE

Prior to commencement of construction, submit the following for review and approval:

Plan for method of work

Primer/Sealer/Stain Killer Product Data.
Spray Texture Finish Product Data.

All materials shall be delivered in their original containers bearing the manufacturer's name, brand name and directions for use. All containers shall be kept tightly closed when in storage, stored at moderate temperatures and protected from damage by tampering and exposure to the elements.

1.3 ENVIRONMENTAL CONDITIONS

During cold weather, provide thermostatically controlled heat to maintain 55° F minimum temperature during and after application until building is occupied. Non-vented gas or oil heaters shall not be used. Provide adequate ventilation at all times for proper drying.

PART 2 PRODUCTS

2.1 MATERIALS

See SGS Section 09951 "INTERIOR MAINTENANCE COATING", for guidance on approved coating materials.

PART 3 EXECUTION

3.1 GENERAL INFORMATION

The Contractor shall submit an exemplified plan for method of work to be performed in phases, with estimated start to completion time per floor per building. The contractor shall work on one floor at a time, completing one building before starting another, to cause minimal disturbance to regular user operations. Contractor is not to block stairwell at any time during operation.

Properly protect or remove items not to receive popcorn (furniture, walls, carpet, fixtures, etc.). Replace in original locations at completion of work. Contractor shall be responsible for cleaning or repairing any damaged surfaces resulting from popcorning operations at Contractor's expense.

New unpainted plaster(except veneer plaster), stucco poured concrete, and patches in masonry surfaces must age sixty (60) days minimum prior to paint application. Follow any other limitations stated in the label directions for the products used.

3.2 SURFACE PREPARATION

Where there is existing popcorn ceiling, and it does not contain asbestos, scrape existing popcorn off of ceiling. Asbestos containing popcorn ceiling will be removed by separate asbestos removal crew and is not part of this contract.

Patch unlevelled areas and depressions in gypsum board with joint compound. Apply in as many coats as are needed to provide a level crack free fill without edge joining. Exercise special care to provide a smooth level surface free of irregularities.

Grind down protrusions to the same level as adjacent surfaces. Remove all grinding sludge or dust. All surfaces including joint compound

applications, filling or patching treatments, shall be dry, clean and sound.

Remove any water-soluble materials from surface.

Dull or roughen any glossy surfaces.

All surfaces should be clean, free of dust, grease, wax, etc. If washing is necessary, non-soapy detergents should be used, well rinsed and allowed to dry before priming. Molded and mildewed surfaces should be washed with a mildew remover and allowed to dry.

Peeling, checked and crazed paint should be sanded smooth to a sound surface.

3.3 SURFACE PRIMING

Prior to popcornning, paint ceiling with primer/sealer/stain killer compatible with popcorn spray texture finish. Apply according to product directions. Prime metal surfaces with rust inhibitive primer.

3.4 APPLICATION OF POPCORN

Spray apply finish according to product directions. Finishes must be evenly spread and free from runs, sags, and other blemishes. Allow all coats to dry before applying following coats. Apply at a coverage rate not to exceed directions printed on container. Apply materials to blend uniformly and cover fully without starved spots or other evidence of thin application. Provide uniform texture without application patterns. Protect walls, windows, floors, etc. from any texture droppings or overspray.

3.5 PRECAUTIONS FOR POPCORN SPRAYING

Ventilate or use a dust collector to avoid creating dust in the workplace. A NIOSH-approved nuisance dust respirator will be used if the air is dusty. Safety glasses or goggles will be worn while spraying. Close opened bags as airtight as possible and store in dry place.

3.6 DISPOSAL

Dispose of excess materials and containers in accordance with all Federal, State and Local regulations at approved hazardous waste sites.

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